#### **PATENT**

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

To Be Assigned

Filing Date:

Herewith

Applicant:

Phillip M. Turner et al.

Group Art Unit:

To Be Assigned

Examiner:

To Be Assigned

Title:

**INTERMITTENT WASHER** 

Attorney Docket:

GP-303412 (8540R-000048)

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

# I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information submitted for consideration by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

#### II. <u>COPIES</u>

A. \_\_\_ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cited pending U.S. application, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. \_\_\_\_ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

	C. X Because the present app copies of the U.S. patents or U.S on the attached Form 1449 are § 1.98(a)(2)(i). Any foreign pat the attached Form 1449 are enc	<ul><li>S. patent application public e enclosed pursuant to the ent documents or non-pate</li></ul>	ations which are listed waiver of 37 C.F.R.
	DThis is a PCT application States. A copy of the Internatio information. The documents list on the attached Form-1449 for any patent resulting from this apwas from the US, EPO, or JPC should have been supplied to the believed to be in the file of the all	nal Search Report is attached on the International Seconsideration by the Examplication. Since the Internol search authorities, copiese USPTO under the trilates	ned for the Examiner's arch Report are listed iner and for listing on ational Search Report s of these references ral agreement and are
III.	CONCISE EXPLANATION OF T	HE RELEVANCE (check <u>a</u>	t least one box)
	A. X Except as may be indicated other information are in the Engl	ted below in (B), all of the p ish language (concise expla	atents, publications or anation not required).
	B A concise explanation of other information listed that is n C.F.R. § 1.98(a)(3)):	of the relevance of each ot in the English language	patent, publication or is as follows (see 37
	1See the attached counterpart foreign 2English translations 3Other:		ommunication from a
	C The following additiona consideration.	l information is provided	for the Examiner's
V.	CROSS REFERENCE TO RELA	TED APPLICATION(S)	
	A The Examiner is advise contain(s) subject matter that r bringing this(these) application does(do) not waive the confident	may be related to the pre n(s) to the Examiner's a	sent application. By ttention, Applicant(s)
	Serial No.	Filing Date	Art Unit
<b>/</b> .	THIS IDS IS BEING FILED UND	<u>ER</u>	
	A. X 37 C.F.R. § 1.97(b): (che	eck <u>only</u> one box)	

than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.
2 within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.
3x_ before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
4 before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.
B 37 C.F.R. § 1.97(c): (check <u>only</u> one box)
<ul> <li>before the mailing date of either any Final Office Action under 37 C.F.R.</li> <li>§ 1.113, a Notice of Allowance under 37 C.F.R.</li> <li>§ 1.311, or an action that otherwise closes prosecution.</li> </ul>
1 No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
2 See the certification below. No fee is required.
C 37 C.F.R. § 1.97(d):
<ul> <li>after the mailing date of either a Final Office Action under 37 C.F.R. §</li> <li>1.113 or a Notice of Allowance under 37 C.F.R. §</li> <li>1.311, yet on or before payment of the issue fee.</li> </ul>
1 See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)
The undersigned hereby certifies that:
Aeach item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. §

VI.

- 1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or

  B. \_\_\_\_ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).
- C.\_\_\_Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

#### VII. STATEMENT UNDER 37 CFR 1.704(d)

The undersigned hereby states that:

each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. 1.56(c) more than thirty days prior to the filing of this IDS.

## VIII. PAYMENT OF FEES (check only one box)

- A. \_\_\_\_ A check in the amount of \$180.00 is enclosed for the above-identified fee.
- B. \_\_\_\_ Please charge Deposit Account No. 07-0960 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 07-0960.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 07-0960.

Respectfully submitted,

Dated: 13 0 c to hu 2003

By: Linda M. Deschere Reg. No. 34,811

**General Motors Corporation** 300 Renaissance Center M.C. 482-C23-B21 P.O. Box 300

Detroit, MI 48265-3000

### FORM HDP-1449 (Based on Form PTO-1449)

# PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET No.	SERIAL NO.
GP-303412	To Be Assigned
APPLICANT	
Phillip M. Turner et al.	
FILING DATE	GROUP
Herewith	To Be Assigned

U.S. P	U.S. PATENT DOCUMENTS					
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		4,339,698	07/13/1982	Kearns		
2.		4,544,870	10/01/1985	Kearns, et al.		
3.		4,731,566	03/15/1988	Takaishi		
4.	-	4,851,745	07/25/1989	Ponziani		
5.		5,734,243	03/31/1998	Pabla, et al.		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)				
Ref. Desig.	Examiner's Initials			
1.				

Examiner:	Date Considered: